



Attorney's Docket No.: 13764-007001

#12

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Choi et al.  
Serial No. : 09/888,114  
Filed : June 22, 2001  
Title : COMPOSITIONS AND METHODS FOR INCREASING THE ORAL ABSORPTION OF  
ANTIMICROBIALS

Art Unit : 1648  
Examiner : Zachariah Lucas

1648  
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Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Copies of the references listed on the attached form PTO-1449 are enclosed. A copy of a communication from a foreign patent office in a counterpart application PCT/US 01/19625 is also enclosed.

Appended to Desig. ID "AL", which is not in the English language, is an English abstract thereof.

This statement is being filed after a first Office action on the merits, but before receipt of a final Office action or a Notice of Allowance. A check for \$180 in payment of the late submission fee of §1.17(p) is enclosed. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 3/20/03

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Sheet 1 of 1Substitute Form PTO-1449  
(Modified)U.S. Department of Commerce  
Patent and Trademark OfficeAttorney's Docket No.  
13764-007001Application No.  
09/888,114**Information Disclosure Statement  
by Applicant**

(Use several sheets if necessary)

(37 CFR §1.98(b))

Applicant  
Choi et al.Filing Date  
June 22, 2001

Group Art Unit

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**U.S. Patent Documents**

Examiner Initial	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA	4,188,373	02/12/80	Kreznoski			
	AB	4,732,753	03/22/88	Füller			
	AC	5,856,474	01/05/99	Ascher et al.			
	AD	5,861,508	01/19/99	Ludescher et al.			
	AE	6,025,352	02/15/00	Cho et al.			
	AF	6,063,917	05/16/00	Ascher et al.			
	AG	6,093,813	07/25/00	Ascher et al.			
	AH	6,214,378	04/10/01	Tanida et al.			
	AI	6,232,306	05/15/01	Hebeisen et al.			

**Foreign Patent Documents or Published Foreign Patent Applications**

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No
	AJ	EP 0 207 624 B1	01/07/87	EP				
	AK	EP 0 580 428 B2	01/26/94	EP				
	AL	JP 60-67413	04/17/85	Japan				
	AM	WO 99/31106	06/24/99	WIPO				

**Other Documents (include Author, Title, Date, and Place of Publication)**

Examiner Initial	Desig. ID	Document
	AN	Bretschneider et al., "Intestinal Transport of $\beta$ -Lactam Antibiotics: Analysis of the Affinity at the H <sup>+</sup> /Peptide Symporter (PEPT1), the Uptake into Caco-2 Cell Monolayers and the Transepithelial Flux", <i>Pharm. Res.</i> 16(1):55-61 (1999)
	AO	Choi, Tenth International Symposium on Recent Advances in Drug Delivery Systems, February 19-22 (2001)
	AP	Goldstein et al., "Comparative In Vitro Activities of Ertapenem (MK-0826) against 1,001 Anaerobes Isolated from Human Intra-Abdominal Infections", <i>Antimicrob. Agents Chemother.</i> 44(9):2389-2394 (2000)
	AQ	Imamura et al., "Stereoselective Synthesis of a Broad Spectrum 1 $\beta$ -Methylcarbapenem, J-114,870", <i>Tetrahedron</i> 56:7705-7713 (2000)
	AR	Jiraskova, "RWJ-333441 Microcide/RW Johnson", <i>Curr Opin Invest Drugs</i> 2(2):209-211 (2001)
	AS	Lee et al., "Bioadhesive-Based Dosage Forms: The Next Generation", <i>J. Pharm. Sci.</i> 89(7):850-866 (2000)

Examiner Signature

Date Considered

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)



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<b>Substitute Form PTO-1449</b> (Modified)  <b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))	<b>U.S. Department of Commerce Patent and Trademark Office</b>	<b>Attorney's Docket No.</b> 13764-007001	<b>Application No.</b> 09/888,114
		<b>Applicant</b> Choi et al.	
	<b>Filing Date</b> June 22, 2001	<b>Group Art Unit</b>	

Other Documents (include Author, Title, Date, and Place of Publication)		
Examiner Initial	Desig. ID	Document
	AT	Longer et al., "Bioadhesive Polymers as Platforms for Oral Controlled Drug Delivery III: Oral Delivery of Chlorothiazide Using a Bioadhesive Polymer", <i>J. Pharm. Sci.</i> 74(4):406-411 (1985)
	AU	Natsume et al., "Screening of cationic compounds as an absorption enhancer for nasal drug delivery", <i>Int. J. Pharm.</i> 185:1-12 (1999)
	AV	Sorbera et al., "MK-0826", <i>Drugs of the Future</i> 25(8):795-802 (2000)
	AW	van Ogtrop, "MK-826 Merck & Co", <i>Curr. Opin Anti-Infect. Invest. Drugs</i> 1(1):74-77 (1999)

<b>Examiner Signature</b>	<b>Date Considered</b>
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	